

MEMORANDUM

State of Alaska

TO: [Walter Kirkness
Commissioner
ADF&G, Juneau

DATE : January 28, 1964

FROM: Robert T. Baade
Fishery Biologist
ADF&G, Ketchikan

SUBJECT: Possible Hatchery Site-
Mahoney Lake

As per our conversation January 21 last regarding a fish hatchery and experimental station site at Mahoney Lake east of Ketchikan, I have the following:

1. In an interview with Dale Trail of the U.S. Forest Service on January 27, Mr. Trail stated he could see no objections to setting aside the best land for a fisheries experiment station. He will bring the matter to the attention of Ranger Henry Hays for an official statement.
2. The road extension, making the site accessible from Ketchikan, should be a reality within four years. It is 15 miles from Ketchikan with power and telephone service handy.
3. A volumetric survey of Mahoney Lake is available in our engineering section showing a maximum depth of 220 feet, an average depth of 131.7 feet, and a surface of 155 acres. The flow is 108 cubic feet per second average from a drainage area of 5.7 square miles. The lake elevation is 76 feet. The distance from the lake to tidewater, direct line, is 750 feet or .3 miles via the outlet stream. The water carries less muskeg coloration than any other low lake in the area.
4. There is adequate ground of a grade suitable for a hatchery and experimental station at the stream mouth. The stream itself is of a size that can be handled with a weir and traps.

This is the basic data on the situation and I will keep you advised and up to date on any new information and developments.

RTB/md

CC: Alex McRea
Stanley Swanson